

## IATA Drop Test Report

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| Date: 08 April, 2009 |
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| Product Information |  |
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|                    |                                  |
|--------------------|----------------------------------|
| Model Name :       | BD10                             |
| Description :      | Rechargeable Lithium Ion Battery |
| Ratings :          | 11.1V 4400mAh(49Wh)              |
| Cell Information : | Samsung 18650 2200mAh            |

|                    |                    |
|--------------------|--------------------|
| Drop Test Result : | <u><b>PASS</b></u> |
|--------------------|--------------------|

SPS Inc.

| Tested by   | Checked by  | Approved by   |
|---|---|---|
|  |  |  |
| Justin Jeong  | Steven Park   | Jennifer Lee  |

## 1. Test Procedure

- 1) Before test : Check the appearance and function (per SPS Shenzhen's OQC standard).
- 2) 1.2m package drop test according to the test sequence below. Total 10 drops.  
(Refer to the Drop Test Pictures)

| Sequence Number:   | 1      | 2             | 3                 | 4            | 5             | 6                         | 7           | 8                       | 9            | 10                       |
|--------------------|--------|---------------|-------------------|--------------|---------------|---------------------------|-------------|-------------------------|--------------|--------------------------|
| Impact Surface:    | Corner | Shortest Edge | Next Longest Edge | Longest Edge | Smallest Face | Opposite of Smallest Face | Medium Face | Opposite of Medium Face | Largest Face | Opposite of Largest Face |
| Surface Reference: | #5-3-1 | #5-3          | #5-1              | #3-1         | #5            | #6                        | #3          | #4                      | #2           | #1                       |



- 3) After 10 drop test, check the status of package.
- 4) Check the appearance and function (per SPS Shenzhen's OQC standard).

## 2. Pass/Fail Criteria

### 1) Appearance Check

- There is no damage externally to batteries contained therein.(per SPS Shenzhen's OQC standard)
- There is no shifting of the contents so as to allow battery to battery contact.
- There is no release of contents.

### 2) Function Check

- There is no function problem to batteries contained therein.(per SPS Shenzhen's OQC standard)

| <b>Drop Test Pictures</b> |   |                |   |
|---------------------------|---|----------------|---|
| <b>Step 1</b>             |    | <b>Step 2</b>  |    |
| <b>Step 3</b>             |    | <b>Step 4</b>  |    |
| <b>Step 5</b>             |   | <b>Step 6</b>  |   |
| <b>Step 7</b>             |  | <b>Step 8</b>  |  |
| <b>Step 9</b>             |  | <b>Step 10</b> |  |

### 3. Test Result

| Appearance Check | Function Check | Result |
|------------------|----------------|--------|
| PASS             | PASS           | PASS   |

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